



CE Declaration of Performance

TIMCO

VELOCITY[®]

Premium multi-use screw

Unique Patented Twist VELOCITY[®] Shank
Exceptional Drive Performance



• **Self-Gripping Double Countersunk Head**

Patented "D" shape double countersunk to assist countersinking and to prevent damage to furniture hardware.

• **Superior Corrosion Resistance**

Special plating to give over 400 hours salt spray resistance.

• **Partially Threaded from 40mm**

To assist clamping of material.

• **Anti-Friction Lubrication**

Lubricated with XXS5 to enhance screw insertion time and reduce driving torque.

• **Extreme Grip Thread**

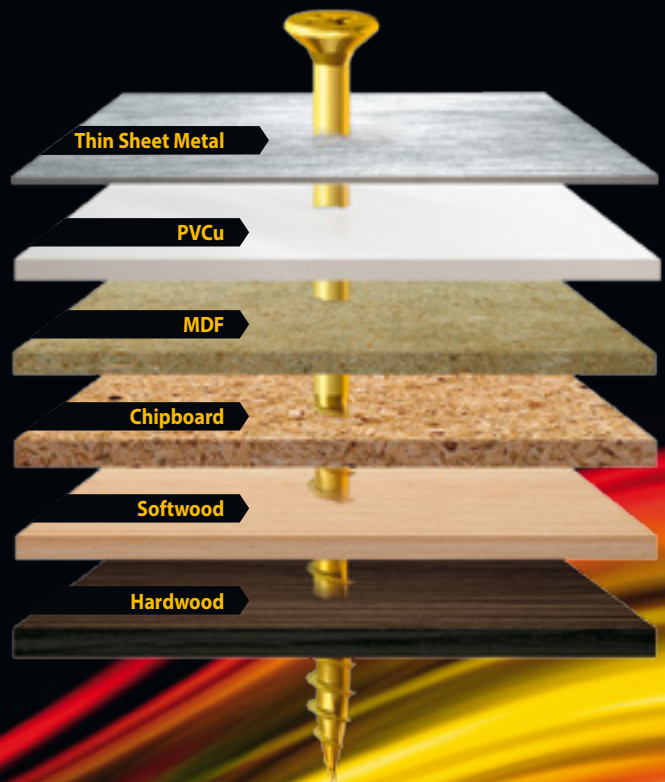
New thread configuration to reduce torque and give an enhanced pull out resistance in a variety of applications.

• **Rapid Drive Twist Shank**

Patented "Twist Shank" to give rapid drive and exceptional performance.

• **Quick Start Point**

Fast pick-up and insertion time.



Premium multi-use screw

Suitable for: Thin Sheet Metal / PVCu / MDF
Chipboard / Softwood / Hardwood



Declaration Of Performance

TIMco Velocity® Premium Screw - Cross Recess

Size	Nominal diameter d (mm)	Inner thread diameter d1	Total Length L (mm)	Thread Length lg (mm)	Head diameter dh (mm)	Test Report No.	Certificate No.	Characteristic yield moment $M_{y,k}$ (Nmm)	Characteristic withdrawal parameter $f_{ax,k}$ (N/mm ²)		Characteristic head pull-through parameter $f_{head,k}$ (N/mm ²)	Characteristic tensile capacity $f_{tens,k}$ (kN)	Characteristic torsional ratio
									Loading across the fibre	Loading along the fibre			
3.0 x 12	3.0	2.15	12	9.0	5.8	30-9695/1	J-30-20271-12	1 824	19,06	14,29	24,83	3,39	4,24
3.0 x 16			16	13.0									
3.0 x 20			20	17.0									
3.0 x 25			25	22.0									
3.0 x 30			30	27.0									
3.0 x 35			35	32.0									
3.0 x 40			40	37.0									
3.5 x 12	3.5	2.50	12	8.7	6.7	30-9695/2	J-30-20272-12	3 137	18,75	10,63	22,81	4,52	4,57
3.5 x 16			16	12.7									
3.5 x 20			20	16.7									
3.5 x 25			25	21.7									
3.5 x 30			30	26.7									
3.5 x 35			35	31.7									
3.5 x 40			40	30.0									
3.5 x 45			45	30.0									
3.5 x 50			50	30.0									
4.0 x 12			4.0	2.80									
4.0 x 16	16	12.5											
4.0 x 20	20	16.5											
4.0 x 25	25	21.5											
4.0 x 30	30	26.5											
4.0 x 35	35	31.5											
4.0 x 40	40	30.0											
4.0 x 45	45	30.0											
4.0 x 50	50	30.0											
4.0 x 55	55	40.0											
4.0 x 60	60	40.0											
4.0 x 70	70	40.0											
4.0 x 80	80	50.0											
4.5 x 16	4.5	3.10			16	11.9	8.5	30-9695/4	J-30-20274-12	6 090	21,42	13,56	23,56
4.5 x 20			20	15.9									
4.5 x 25			25	20.9									
4.5 x 30			30	25.9									
4.5 x 40			40	30.0									
4.5 x 50			50	30.0									
4.5 x 55			55	40.0									
4.5 x 60			60	40.0									
4.5 x 70			70	40.0									
4.5 x 80			80	50.0									
5.0 x 20	5.0	3.50	20	15.3	9.5	30-9695/5	J-30-20275-12	8 015	17,87	12,94	24,31	8,33	3,82
5.0 x 30			30	25.3									
5.0 x 35			35	30.3									
5.0 x 40			40	30.0									
5.0 x 45			45	30.0									
5.0 x 50			50	30.0									
5.0 x 55			55	40.0									
5.0 x 60			60	40.0									
5.0 x 70			70	40.0									
5.0 x 75			75	40.0									
5.0 x 80			80	50.0									
5.0 x 90			90	60.0									
5.0 x 100			100	60.0									
6.0 x 40			6.0	4.20									
6.0 x 45	45	30.0											
6.0 x 50	50	30.0											
6.0 x 60	60	40.0											
6.0 x 70	70	40.0											
6.0 x 80	80	50.0											
6.0 x 90	90	60.0											
6.0 x 100	100	70.0											
6.0 x 120	120	70.0											
6.0 x 130	130	70.0											
6.0 x 150	150	70.0											
6.0 x 180	180	70.0											
6.0 x 200	200	70.0											

Declaration Of Performance

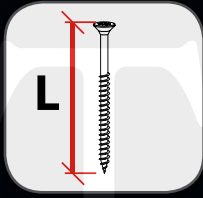
TIMco Velocity® Premium Screw - Torx Drive

CE DECLARATION OF PERFORMANCE

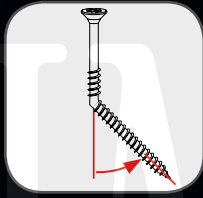
Size	Nominal diameter d (mm)	Inner thread diameter d1	Total Length L (mm)	Thread Length lg (mm)	Head diameter dh (mm)	Test Report No.	Certificate No.	Characteristic yield moment $M_{y,k}$ (Nm)	Characteristic withdrawal parameter $f_{ax,k}$ (N/mm ²)		Characteristic head pull-through parameter $f_{head,k}$ (N/mm ²)	Characteristic tensile capacity $f_{tens,k}$ (kN)	Characteristic torsional ratio
									Loading across the fibre	Loading along the fibre			
5.0 x 50	5.0	3.50	50	30.0	9.5	30-9695/5	J-30-20275-12	8 015	17,87	12,94	24,31	8,33	3,82
5.0 x 60			60	40.0									
5.0 x 70			70	40.0									
5.0 x 80			80	50.0									
5.0 x 100			100	60.0									
6.0 x 80	6.0	4.2	80	50.0	11.4	30-9695/6	J-30-20276-12	13980	15.49	10.64	22.17	11.52	3.00
6.0 x 100			100	70.0									
6.0 x 120			120	70.0									
6.0 x 150			150	70.0									
6.0 x 180			180	70.0									
6.0 x 200			200	70.0									
8 x 200	8.0	5.3	200	80.0	14.8	30-9695/7	J-30-20277-12	23988	20.24	14.15	29.61	18,45	2,08
8 x 225			225	80.0									
8 x 250			250	80.0									
8 x 275			275	80.0									
8 x 300			300	80.0									



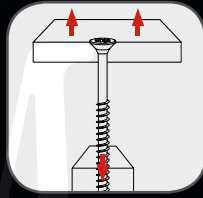
Nominal Diameter



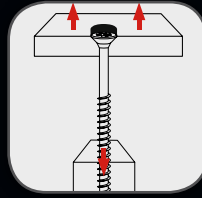
Total Length



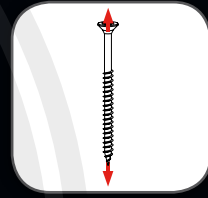
Yield Movement



Withdrawal Parameter



Head Pull-through



Torsional Ratio



TIMco Velocity® Premium Screws**DECLARATION OF PERFORMANCE**

DOP3 v1

We here by declare the following designated products

TIMco Velocity® Premium Screws
Diameter 3.0mm, 3.5mm, 4.0mm, 4.5mm, 5.0mm, 6.0mm, 8.0mm.

Have been tested by the following independant testing organisation:

- Notified Body 1015
Strojirensky Zkusebni Ustav, s.p., Czech Republic

And that they have performed initial type testing under system 3, Annex V of the regulation (EU) no. 305/2011 (Construction Products Regulation), with the reference to the harmonised European standard (hEN) BS EN 14592:2008+A1:2012 (Timber structures - Dowel type fasteners - Requirements) for nails intended for the use in "load bearing timber structures" and produced the calculation/test reports and certificates as listed below;

Certificate Number: 30-9695/1 to 30-9695/7

Test Report Number: No. J-30-20271-12 to J-30-20277-12.

Factory Process Control (FPC) has been established by the factory and independently audited by TUV Rheinland UK in accordance with ISO9001:2008..

This declaration of conformity is valid until there is a significant change in the product and declared characteristics. ie. raw material or change in production process.

Signed by:

Name: *Simon Midwood*

Position: *Managing Director*

Date: *18.04.2013*

This declaration is the responsibility of the importer

T.I Midwood & Co. Ltd. Green Lane, Wardle, Nantwich, Cheshire, CW5 6BJ

